

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee. Authorization for this examiner's amendment was given in a telephone interview with Thomas P. O'Connell on November 7, 2006. The application has been amended as follows:

In the Claims:

Claim 3: line, replace "<sup>2</sup>~~a~~ mobile platform," with -- a mobile platform, wherein the mobile platform exhibits free and unbounded movement in all directions in relation to a support surface; --

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**REASONS FOR ALLOWANCE**

Claims 1 and 3-16 are allowed. The following is an examiner's statement of reasons for allowance: Patentability is seen in, although not limited to the combination of elements specifically claimed in independent claim one. In particular the prior art fails to teach *inter alia*, a rider controlled two-wheeled vehicular motion simulator having a mobile platform that exhibits free and unbounded movement in all directions in relation to a support surface; a simulated two-wheeled vehicle with a frame, a front wheel rotatably retained relative to the frame, a rear wheel rotatably retained to the frame and a steering arrangement for enabling a steering of the front wheel; wherein the simulated two-wheeled vehicle is retained relative to the mobile platform with a roll axis; and in combination with the claimed control system for imparting motion to the platform and the two wheeled vehicle in response to user control inputs, and wherein the mobile platform is propelled in response to user input to an accelerator control; and wherein the mobile platform is steered in response to user control, and wherein angular velocity is imparted to the rear wheel in response to user input to the accelerator control; and a tilting arrangement for tilting the two-wheeled vehicle through bank angle relative to the mobile platform.